

WHAT IS CLAIMED IS:

1. An ink jet recording apparatus for performing recording by discharging ink from recording means to a recording material, said
5 apparatus comprising:

a cap capable of moving in approaching and receding directions against a discharge port surface of said recording means, said cap being for covering said discharge port surface;

10 a wiper sliding while contacting with said discharge port surface to wipe said discharge port surface to clean it;

a wiper driving gear for transferring drive to said wiper;

15 a cam and gear member including a cam portion for controlling movement of said cap and a gear portion for transferring drive to said wiper driving gear, said cam and gear member configured so that said gear portion and said wiper driving gear are
20 engaged with each other after said cap has moved to a position where said cap does not interfere with said wiper.

2. An ink jet recording apparatus according to
25 claim 1, wherein said wiper passes between said cap and said discharge port surface after said cap has moved to the position where said cap does not

interfere with said wiper.

3. An ink jet recording apparatus according to claim 1, wherein said cam portion and said gear
5 portion of said cam and gear member are formed as an individual component, and said cam portion and said gear portion are assembled to rotate at a same phase for forming said cam and gear member.

10 4. An ink jet recording apparatus according to claim 1, wherein a wiper holder mounting said wiper thereon is moved by a lead screw.

5. An ink jet recording apparatus according to
15 claim 1, wherein said cap is held by a cap holder, and said cap approaches or recedes against said discharge port surface by a rotation of a lever member engaging with said cam portion and said cap holder.

20 6. An ink jet recording apparatus according to claim 1, further comprising stopper means for regulating movement of said wiper when said gear portion is not engaged with said wiper driving gear.

25 7. An ink jet recording apparatus according to claim 6, wherein said stopper means is a tooth form

capable of engaging with said wiper driving gear,
said tooth form formed on said lever member.

8. A recovery mechanism portion of an ink jet
5 recording apparatus for performing recording by
discharging ink from recording means to a recording
material, said portion comprising:

a cap capable of moving in approaching and
receding directions against a discharge port surface
10 of said recording means, said cap being for covering
said discharge port surface;

a wiper sliding while contacting with said
discharge port surface to wipe said discharge port
surface to clean it;

15 a wiper driving gear for transferring drive to
said wiper;

a cam and gear member including a cam portion
for controlling movement of said cap and a gear
portion for transferring drive to said wiper driving
20 gear, said cam and gear member configured so that
said gear portion and said wiper driving gear are
engaged with each other after said cap has moved to a
position where said cap does not interfere with said
wiper.